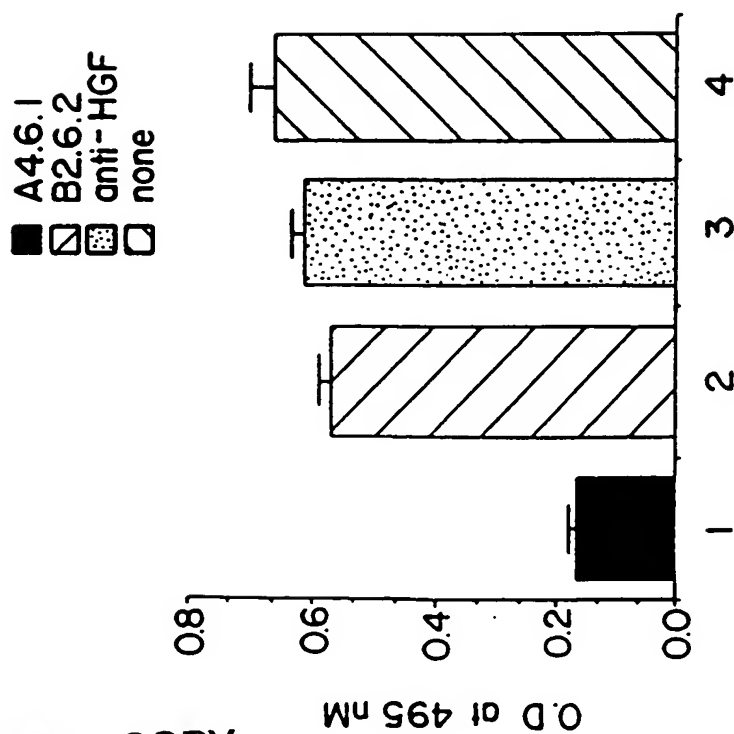


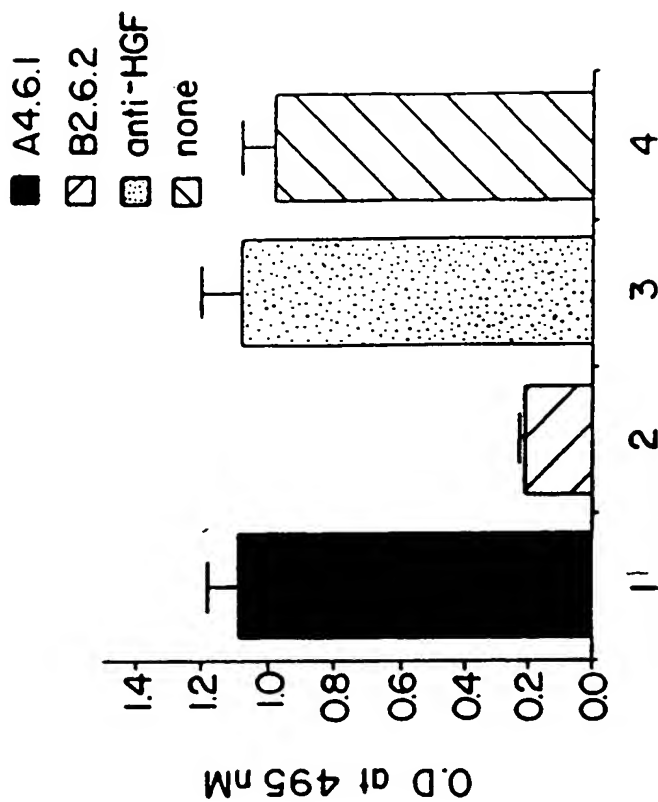


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BIO-A4.6.1

FIG. 1a



BIO-B2.6.2

FIG. 1b

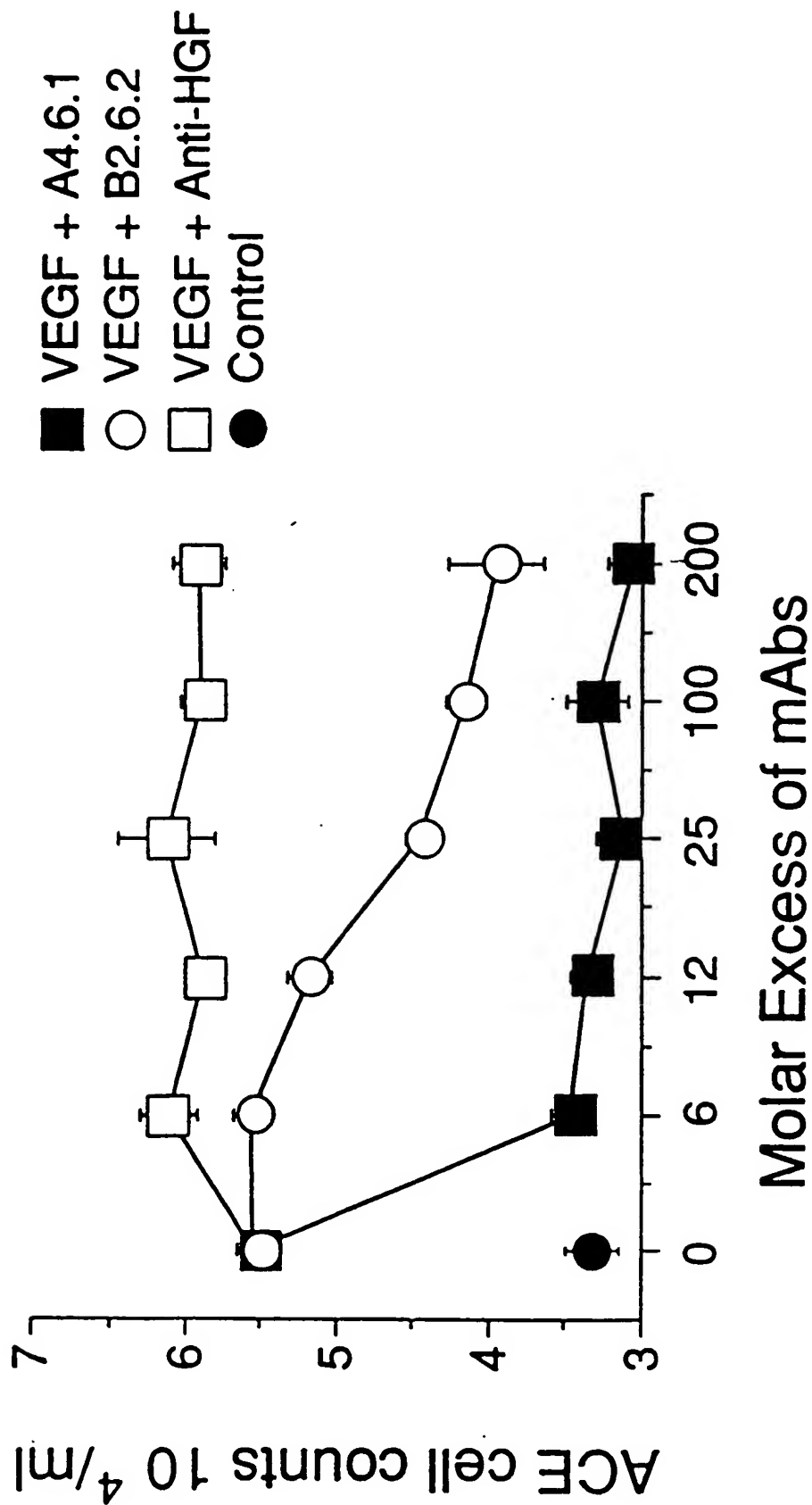


FIG. 2

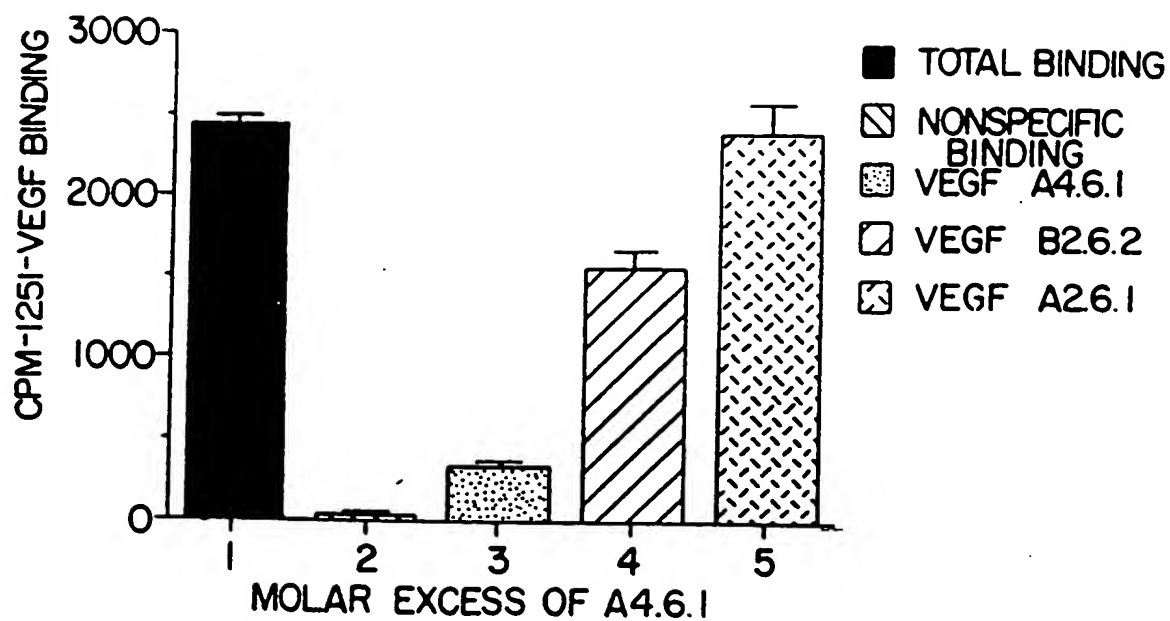


FIG. 3a

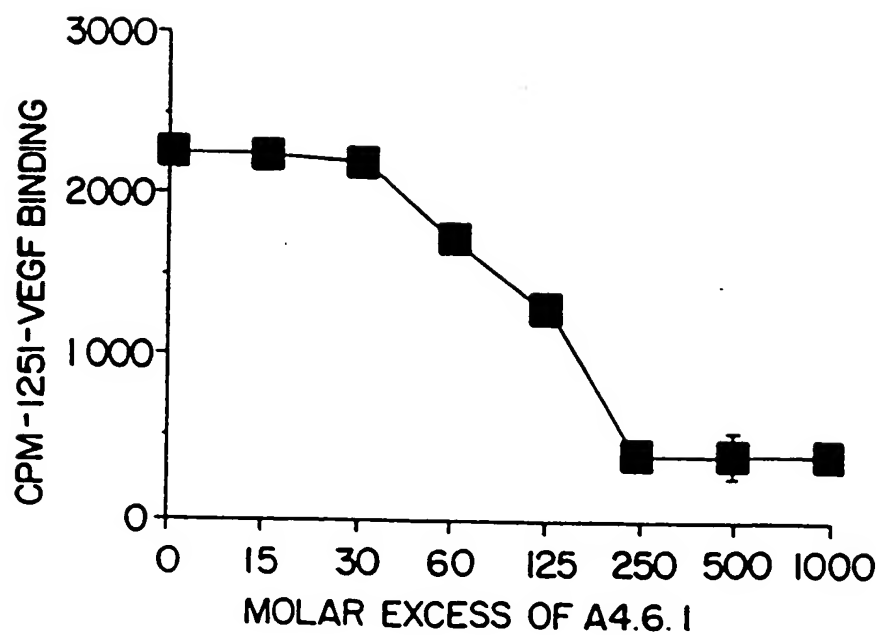


FIG. 3b

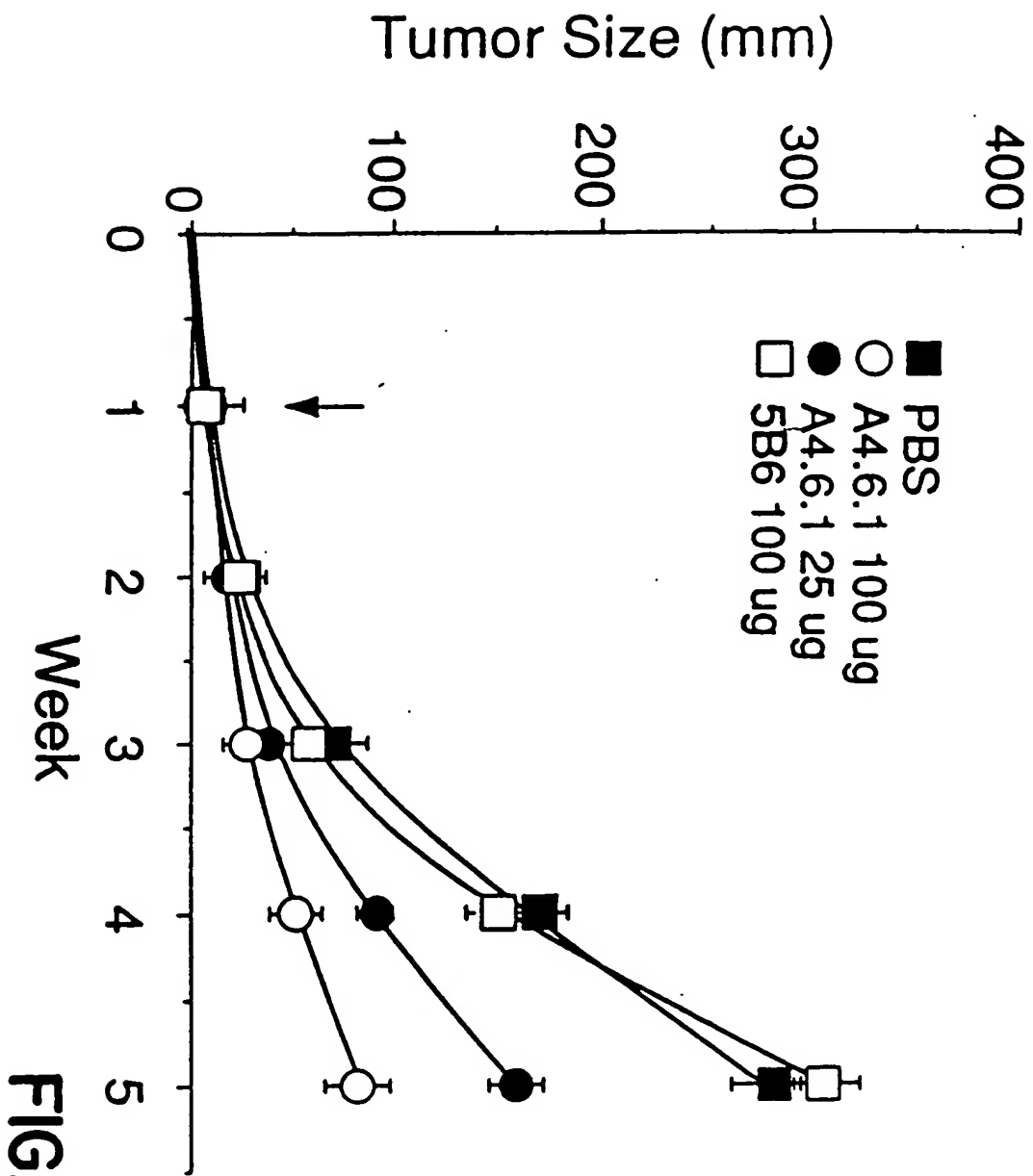


FIG. 4

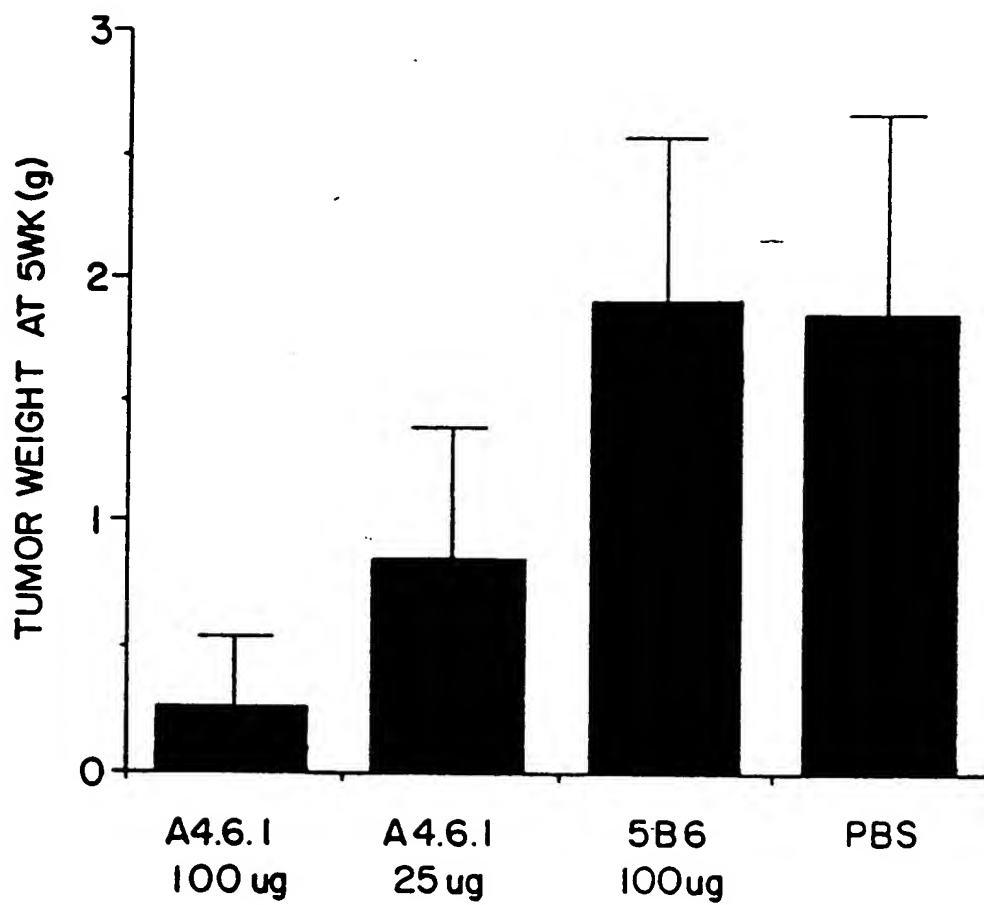


FIG. 5

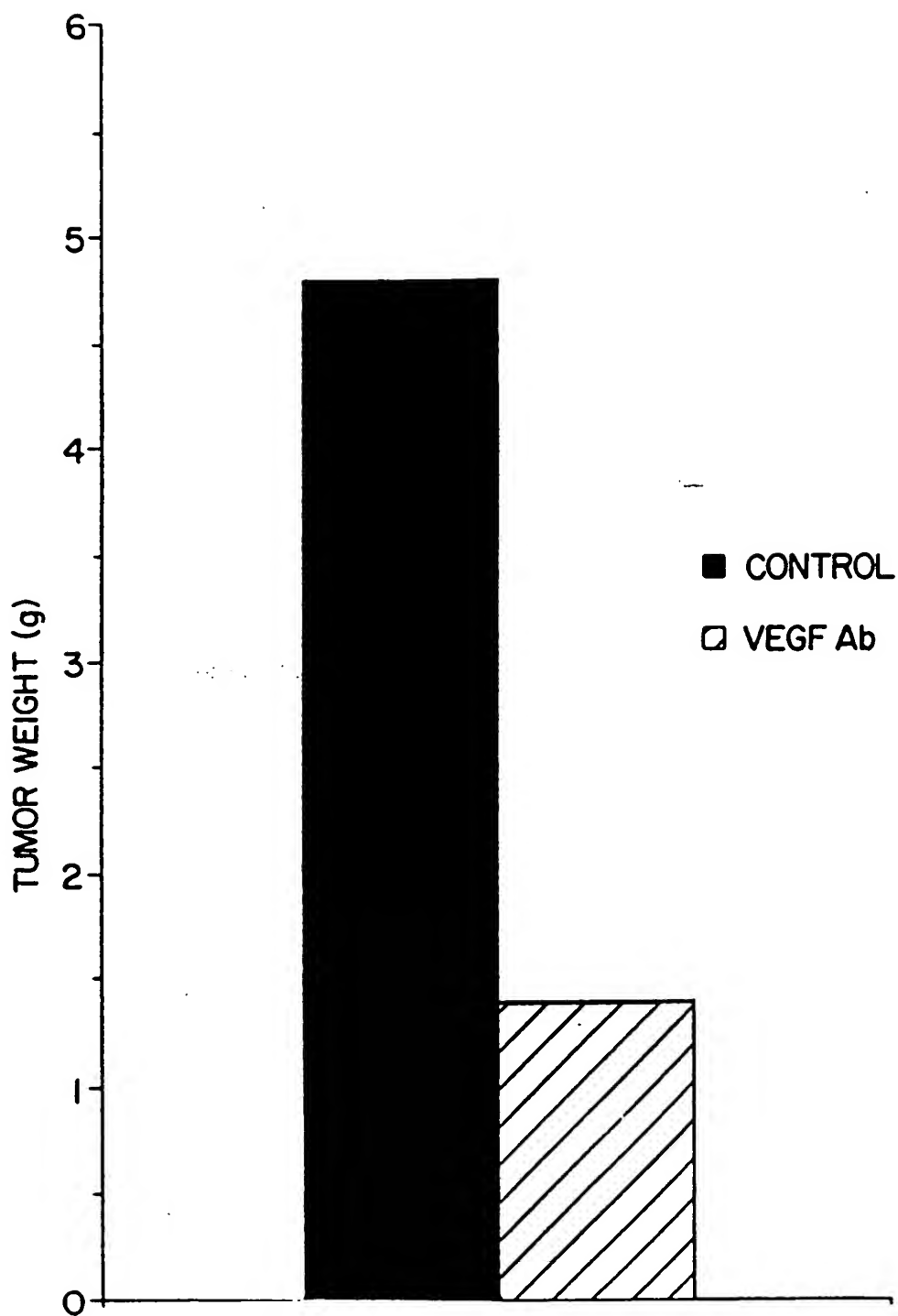


FIG. 6

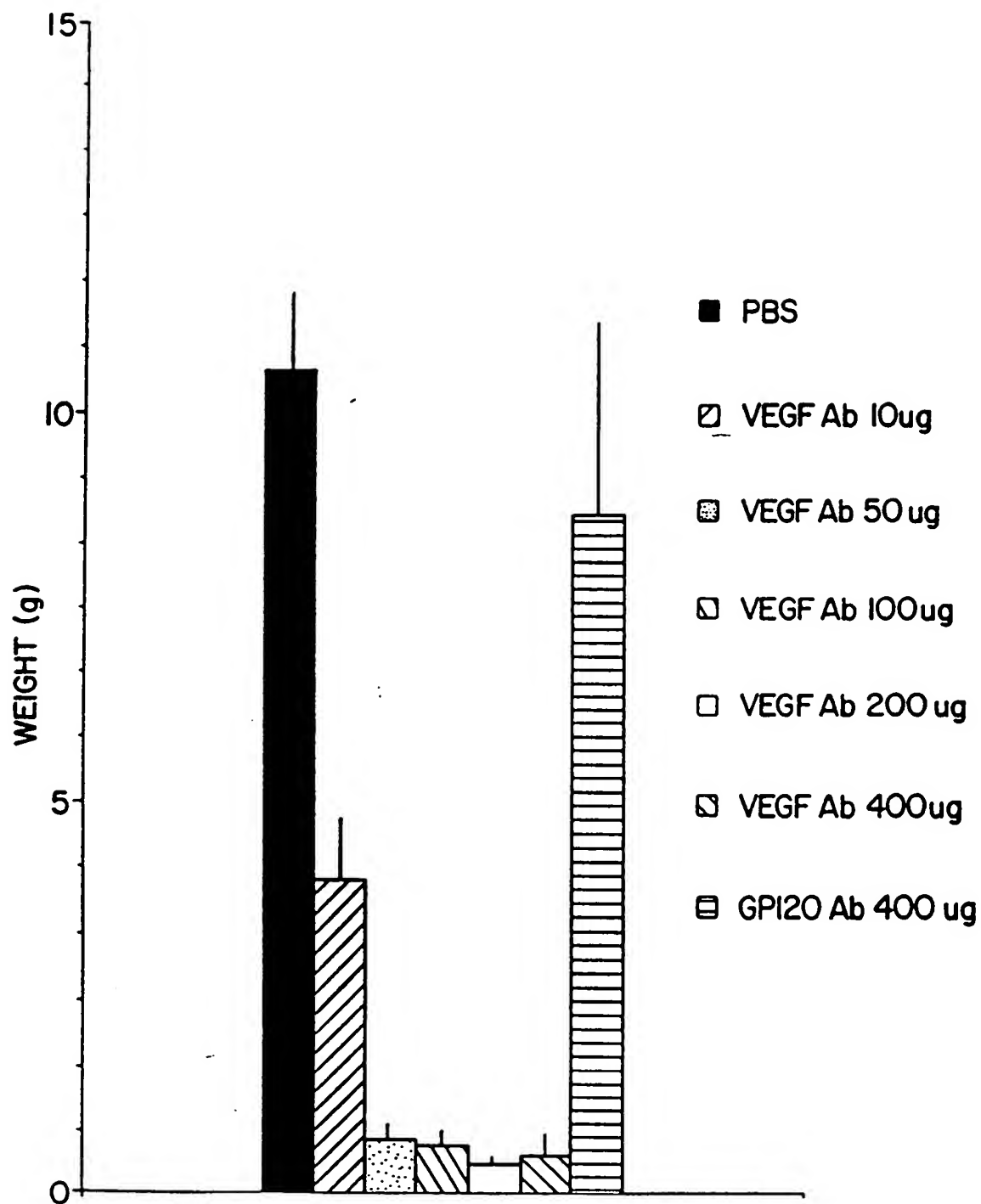


FIG. 7

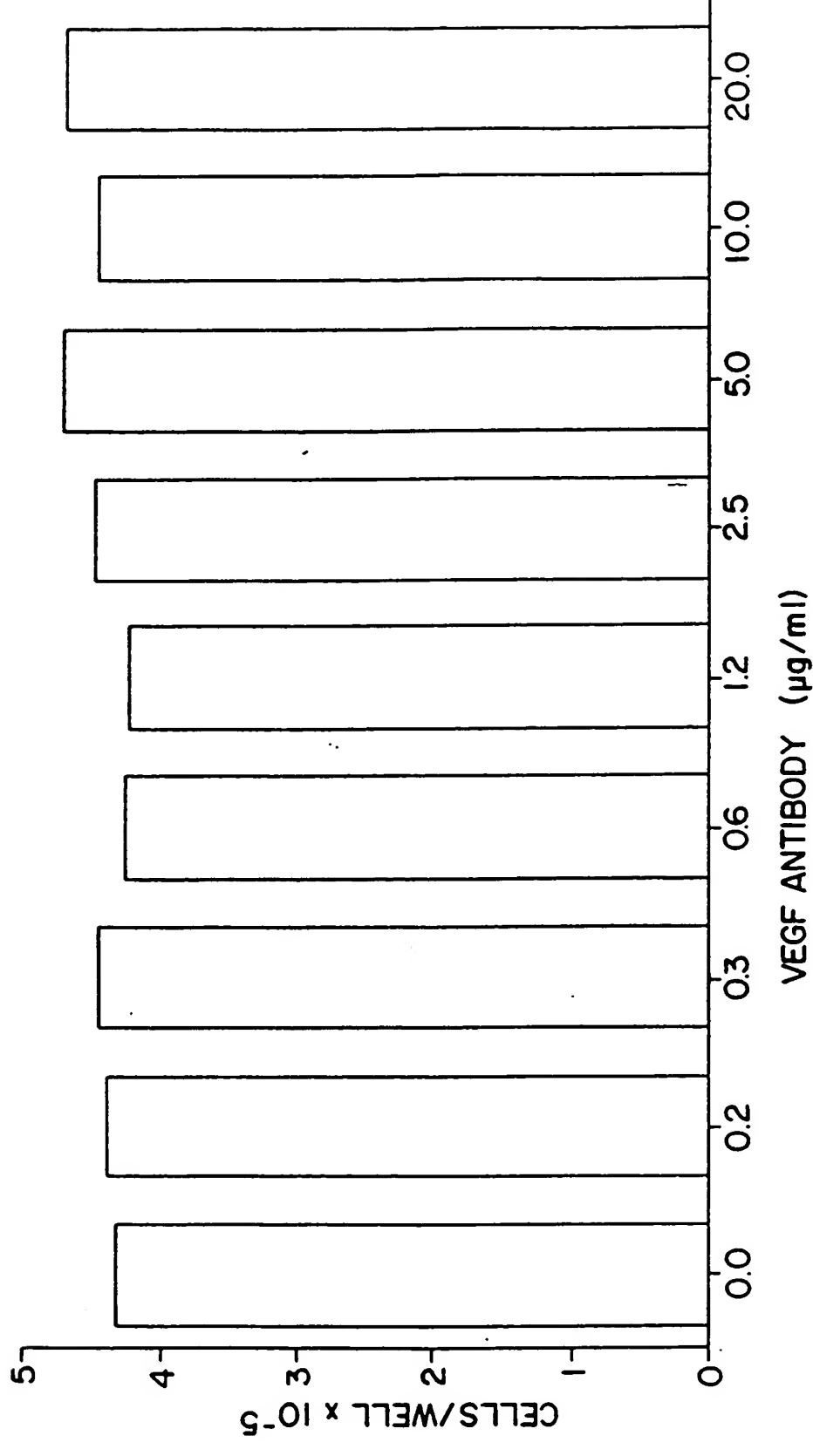


FIG. 8

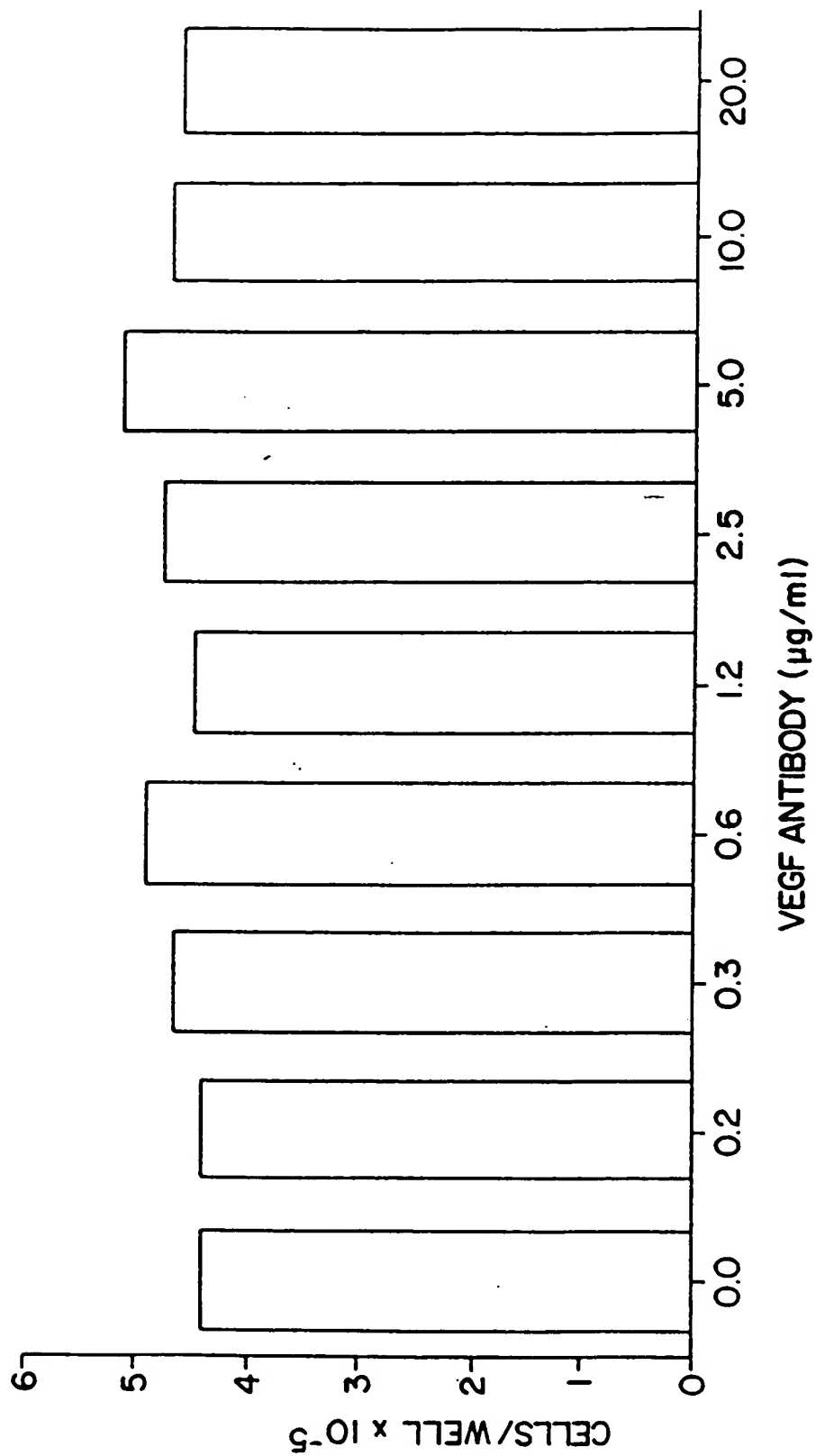


FIG. 9



Sample Type	Sample #	Assay Date	Syn. Fluid	Syn. Fluid + mAB VEGF	% Suppression
Rheumatoid Syn. Fluid	318	5.7.92	5.2 ± 0.2	2.7 ± 0.3	48
	150	5.7.92	7.0 ± 0.3	2.8 ± 0.4	60
	312	5.7.92	6.7 ± 0.4	3.7 ± 0.3	45
	264	5.7.92	6.2 ± 0.4	3.1 ± 0.3	50
	267	5.7.92	5.7 ± 0.6	4.4 ± 0.3	23
	202	5.22.92	10.0 ± 0.5	3.4 ± 0.6	66
	314	5.22.92	7.5 ± 0.3	3.1 ± 0.6	59
	237	5.22.92	6.1 ± 0.5	2.2 ± 0.3	64
	206	5.22.92	6.7 ± 0.5	2.2 ± 0.3	67
	317	5.22.92	5.2 ± 0.3	2.5 ± 0.6	52
Osteoarthritis Syn. Fluid	165	6.2.92	4.0 ± 0.3	2.8 ± 0.4	30
	211	6.2.92	3.4 ± 0.5	3.0 ± 0.2	11.7
	195	6.2.92	3.5 ± 0.2	3.3 ± 0.3	5.7
	122	6.2.92	3.7 ± 0.3	3.2 ± 0.4	13.5
	16	6.2.92	4.1 ± 0.3	3.8 ± 0.5	7.3

Mean % Suppression for RA Fluids 53.4 ± 4.2
Mean % Suppression for OA Fluids 13.6 ± 3.9
Synovial fluids were diluted 1:50.

Controls:

6.2.92	PBS	3.3 ± 0.30
	bFGF 1 µg/ml	3.7 ± 0.38
5.22.92	PBS	1.2 ± 0.38
	bFGF 1 µg/ml	7.8 ± 0.31
5.2.92	PBS	1.3 ± 0.18
	bFGF 1 µg/ml	9.0 ± 0.41

FIG. 10

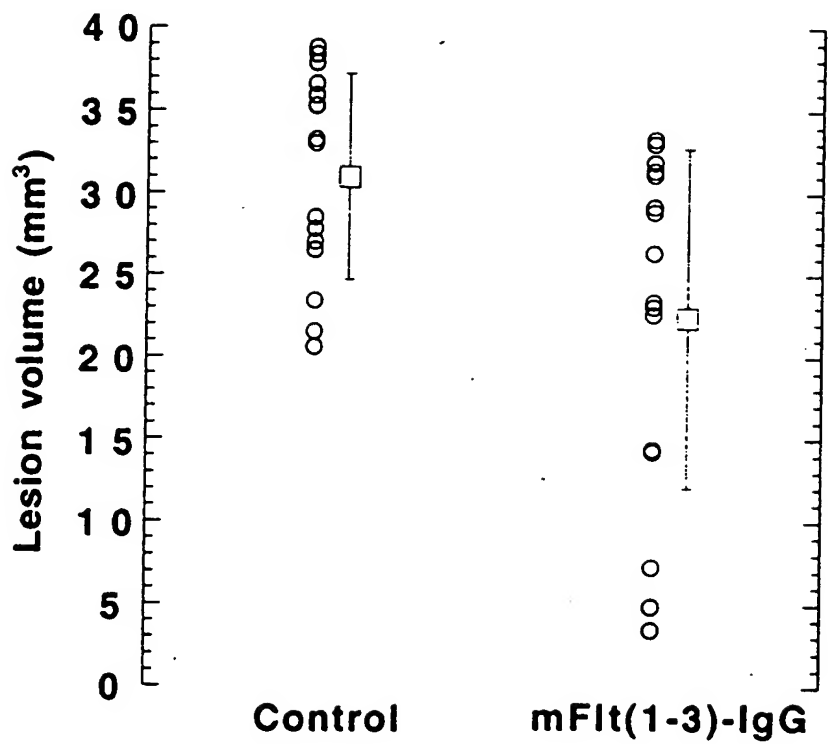


FIG. 11



A

B

FIG. 12

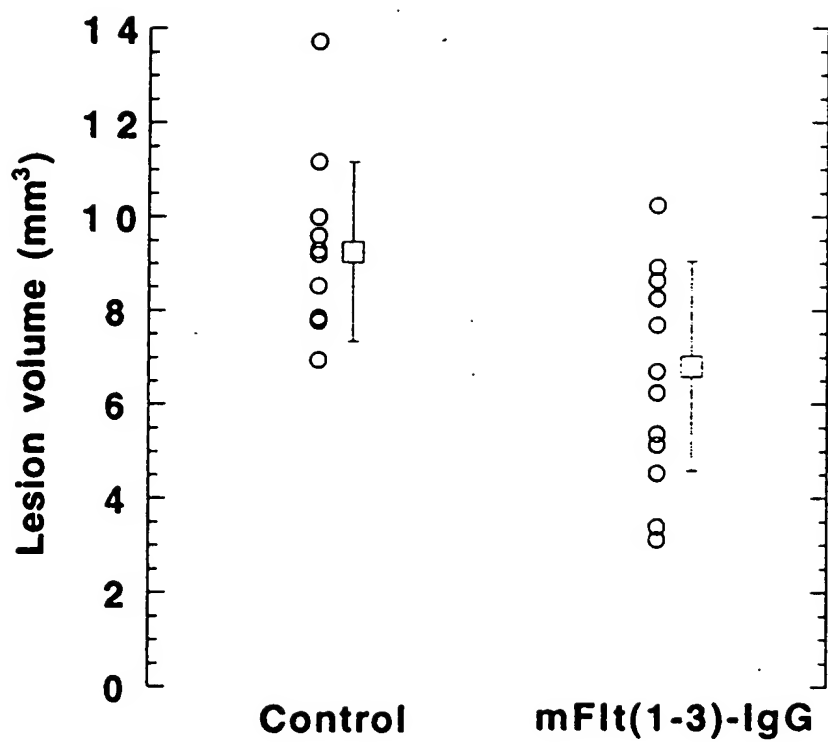


FIG. 13



F(ab)-12 ¹⁰DIQMTQSPSSLSASV²⁰GDRVITITCSASQ³⁰DISNYLNWYQQ
Y0243-1 ~~DIQMTQSPSSLSASV~~GDRVITITCSASQDISNYLNWYQQ
Y0238-3 ~~DIQMTQSPSSLSASV~~GDRVITITCSASQDISNYLNWYQQ
Y0313-1 ~~DIQMTQSPSSLSASV~~GDRVITITCSASQDISNYLNWYQQ
Y0317 ~~DIQMTQSPSSLSASV~~GDRVITITCSASQDISNYLNWYQQ

CDR-L1

F(ab)-12 ⁴⁰KPGKAPKVLIIYFT⁵⁰SSLHSGVPS⁶⁰RFSGSGSGTDF⁷⁰TLTIS
Y0243-1 KPGKAPKVLIIYFTSSLHSGVPSRFSGSGSGTDFTLTIS
Y0238-3 KPGKAPKVLIIYFTSSLHSGVPSRFSGSGSGTDFTLTIS
Y0313-1 KPGKAPKVLIIYFTSSLHSGVPSRFSGSGSGTDFTLTIS
Y0317 KPGKAPKVLIIYFTSSLHSGVPSRFSGSGSGTDFTLTIS

FIG. 14A

CDR-L2

F(ab)-12 ⁸⁰SLQPEDFATYYC⁹⁰QOYSTVPWTF¹⁰⁰GQGTKVEIKRTV
Y0243-1 SLQPEDFATYYCQOYSTVPWTFGQGTKVEIKRTV
Y0238-3 SLQPEDFATYYCQOYSTVPWTFGQGTKVEIKRTV
Y0313-1 SLQPEDFATYYCQOYSTVPWTFGQGTKVEIKRTV
Y0317 SLQPEDFATYYCQOYSTVPWTFGQGTKVEIKRTV

CDR-L3

F(ab)-12 ¹⁰EVQLVESGGGLVQPGGSLRLS²⁰CAASGYTF³⁰TNYGMNWVR
Y0243-1 EVQLVESGGGLVQPGGSLRLS~~CAASGYTF~~TNYGMNWVR
Y0238-3 EVQLVESGGGLVQPGGSLRLS~~CAASGYTF~~TNYGMNWVR
Y0313-1 EVQLVESGGGLVQPGGSLRLS~~CAASGYTF~~TNYGMNWVR
Y0317 EVQLVESGGGLVQPGGSLRLS~~CAASGYTF~~TNYGMNWVR

CDR-H1

F(ab)-12 ⁴⁰QAPGKGLEWVGWINTYTGEPT⁵⁰YAADF⁶⁰KRRFTF⁷⁰SLDTSKSTA
Y0243-1 QAPGKGLEWVGWINTYTGEPTYAADF~~KRRFTF~~SLDTSKSTA
Y0238-3 QAPGKGLEWVGWINTYTGEPTYAADF~~KRRFTF~~SLDTSKSTA
Y0313-1 QAPGKGLEWVGWINTYTGEPTYAADF~~KRRFTF~~SLDTSKSTA
Y0317 QAPGKGLEWVGWINTYTGEPTYAADF~~KRRFTF~~SLDTSKSTA

FIG. 14B

CDR-H2

F(ab)-12 ⁸⁰YLQMNSLRAEDTAVYYCAKYP⁹⁰HYGSSHWY¹⁰⁰FDVWGQ¹¹⁰GTL
Y0243-1 YLQMNSLRAEDTAVYYCAKYPHYGSSHWYFDVWGQGT
Y0238-3 YLQMNSLRAEDTAVYYCAKYPHYGSSHWYFDVWGQGT
Y0313-1 YLQMNSLRAEDTAVYYCAKYPHYGSSHWYFDVWGQGT
Y0317 YLQMNSLRAEDTAVYYCAKYPHYGSSHWYFDVWGQGT

CDR-H3

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